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EUROPEAN PATENT APPLICATION

⑰ Application number: 86306477.0

⑤① Int. Cl.4: A61K 39/12 , A61K 39/21

⑱ Date of filing: 21.08.86

⑳ Priority: 23.08.85 US 768545

㉑ Date of publication of application:
11.03.87 Bulletin 87/11

㉒ Designated Contracting States:
AT BE CH DE FR GB IT LI LU NL SE

㉓ Date of deferred publication of the search report:
21.10.87 Bulletin 87/43

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㉗ **Defective viral particle vaccines and methods for their use.**

㉘ Novel viral vaccines comprise defective viral particles in combination with an immunologic adjuvant. In the exemplary embodiment, defective retroviral particles comprise intact retroviral core and envelope proteins and genomic RNA incapable of reproducing the retrovirus. The retroviral particles are produced by co-expression in a suitable host of packaging-deficient retroviral DNA construct(s) and packaging sequence construct(s) which encode the packaged RNA. Defective viral particles may be recovered from the growth media of the expression host.

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EP 0 213 894 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			EP 86306477.0
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
D,A	CELL, vol. 33, no. 1, May 1983, (Cambridge, Mass., USA) R. MANN et al. "Construction of Retrovirus Packaging Mutant and its Use to Produce Helper-Free Defective Retrovirus." pages 153-159 * Page 153, column 1 - column 2, line 30; page 157, column 1, line 11 - column 2, line 44 * --	1,3,4,6	A 61 K 39/12 A 61 K 39/21
D,A	US - A - 4 405 712 (VANDE WOUDE) * Column 1, line 39 - column 7, line 19 * --	1,3,4,8	
D,A	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA; vol. 79, no. 19, October 1982, (Baltimore, USA) SH. WATANABE et al. "Encapsidation sequences for spleen necrosis virus, an avian retrovirus, are between the 5' long Terminal repeat and the start of the gag gene." pages 5986-5990 * Page 5986, column 1 * --	1,3,4	TECHNICAL FIELDS SEARCHED (Int. Cl. 4) A 61 K C 12 N
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 10-08-1987	Examiner BECKER
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			





European Patent
Office

EUROPEAN SEARCH REPORT

Application number

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D,A	<p>CELL, vol. 23, no. 1, January 1981, (Cambridge, Mass., USA)</p> <p>Y. GLUZMAN: "SV40-Transformed Simian Cells Support the Replication of Early SV40 Mutants." pages 175-182</p> <p>* Page 175, column 1 - column 2, line 9; page 179 column 2, line 29 - page 181, column 1, line 19 *</p> <p>--</p>	1	
A	<p>EP - A1 - 0 117 767 (MOLECULAR GENETICS)</p> <p>* Page 7 - page 10, line 13 *</p> <p>----</p>		
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